

caulking



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Ca

compound

for sealing all types of construction

against weather, moisture, dust,

insects and heat loss

CALBAR PAINT AND VARNISH CO.



CAULK-O-SEAL®

elasticized caulking compound

26 Colors THAT MATCH OR HARMONIZE

Specially colored caulking compounds have been requested of Calbar for many years for certain decorative applications to colored panels, stonework, tiles, etc. With the increased construction activity after World War II, this specialized output assumed an important part of the total Calbar production.

Roofing and siding manufacturers, architects, builders and owners showed increased interest in a suitable caulking

compound requiring no painting, matching construction when applied. From hundreds of samples of manufacturers' colors, 26 were selected as standard to match or harmonize with shingles, roofing and siding.

Caulk-O-Seal is elasticized, non-staining and non-sagging . . . all tinting colors are permanent . . . to assure lasting satisfaction from the caulking job.

#100 PASTEL IVORY
#101 PASTEL GREEN
#102 TAN
#103 BUFF
#104 MEDIUM GRAY
#105 BLUE GRAY
#106 SLATE GRAY

#107 BLACK
#108 DARK BLUE
#109 LIGHT GREEN
#110 ALUMINUM
#111 MEDIUM GREEN
#112 DARK GREEN
#113 LIGHT BROWN

#114 CHOCOLATE BROWN
#115 DARK BROWN
#116 YELLOW
#117 PALE RED
#118 RED
#119 REDWOOD
#120 MAROON

#121 NATURAL
#122 LIMESTONE
#123 SILVER GRAY
#124 BLUE WHITE
#125 BRILLIANT WHITE
#126 STANDARD WHITE

Write for any actual color samples you'd like to test.

SAVES FUEL • IMPROVES COMFORT • PROTECTS THE STRUCTURE

Fuel and heat saving are important for economy's sake and for personal comfort. A home, apartment house, office, factory — any building not tightly sealed at every point is a fuel waster, because cold air coming in must be heated to replace the warm air lost through open cracks. Cold air and deterioration (dust and dirt and decay) can be sealed out, simply, by caulking with Caulk-O-Seal.

Caulk-O-Seal has been expressly compounded to provide a plastic, rubber-like caulking material that completely seals cracks and openings around doors, windows and flashings — at a multitude of construction joints.

Thirty-four years of formulating, testing and producing thousands of special-purpose caulking compounds en-

abled Calbar to develop this fully elasticized material. Super-plastic, 100% non-staining, 100% non-oil exudent — life giving oils sealed in — Caulk-O-Seal can not dry out, crack or crumble. It adheres to any building material surface.

Caulk-O-Seal stretches and shrinks to allow the building to contract and expand without breaking its seals. Caulk-O-Seal is elasticized; constant vibration has no effect on it. Waterproof, it cannot deteriorate. If necessary it can be painted immediately . . . will not bleed through paint after the surface hide forms. Most production requirements are for Gun consistency, for use with a Calbar pressure gun, but Caulk-O-Seal is also made in Knife consistency for application with putty knife or caulking tool.

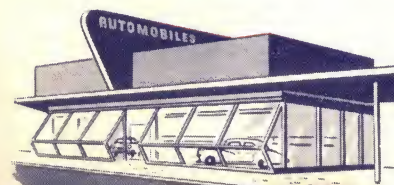
FOR RESIDENCES



FOR COMMERCIAL BUILDINGS



FOR STORES



meets the requirements of the ASBESTOS-CEMENT PRODUCTS ASSN. and FEDERAL SPECIFICATIONS TT-C-598

METHOD OF TEST:

FEDERAL SPECIFICATION TT-C-598

RESULTS OF TESTS:

	FOUND	REQUIRED
Shrinkage, percent by volume	7.63	20 maximum
Bond, Area of Separation, pct.	5.0	10 maximum
Tenacity	Satisfactory	No breaks or cracks after folding 6 times
Rate of Hardening, pct.	23.5	40 maximum
Oil Retention, Area of Stain on Limestone, inches	1/32	1/16 maximum
Slump: 24 hrs. at 70°F	None	
24 hrs. at 120°F, ins.	1/32	3/16 maximum
Cracking	None	None

REMARKS: Meets specification requirements.

ASBESTOS-CEMENT PRODUCTS ASSOCIATION SPECIFICATION

RESULTS OF TESTS:

	Calbar Orange Label Brilliant White Caulk-O-Seal FOUND	REQUIRED
Shrinkage, pct. by volume	4.06	20 maximum
Volatile, pct. by weight	4.57	13 maximum
Aging	Satisfactory	No breaks or cracks after folding 6 times
Staining, in	None	1/32 maximum
Adhesion	Satisfactory	Rupture within volume of material
Skinning	Satisfactory	Surface tack free within 4 days
Slump, in	0	3/16 maximum

REMARKS: Meets specification requirements.

United States Testing Company, Inc.
REPORT OF TEST
TEST NUMBER 8-706
DATE OF TEST May 29, 1951

The sample for
Calbar Orange Label Brilliant White Caulk-O-Seal
2517-20 S. Berline Street
Philadelphia 26, Pa.

Method used One quart sample of Caulking Compound, Calbar, Limestone, White-O-Seal, Sun Grease, Orange Label.

METHOD OF TEST
As described in Federal Specification TT-C-598, April 25, 1951. The compound was tested for shrinkage, bond, tenacity, rate of hardening, oil retention, area of stain on limestone, slump, and cracking.

As Specified	Found	Required
Shrinkage, percent by volume	7.63	20 maximum
Bond, area of separation, pct.	5.0	10 maximum
Tenacity	Satisfactory	No breaks or cracks after folding 6 times
Rate of Hardening, pct.	23.5	40 maximum
Oil Retention, Area of Stain on Limestone, inches	1/32	1/16 maximum
Slump: 24 hrs. at 70°F	None	
24 hrs. at 120°F, ins.	1/32	3/16 maximum
Cracking	None	None

REMARKS: Meets specification requirements.

United States Testing Company, Inc.
REPORT OF TEST
TEST NUMBER 8-706-1
DATE OF TEST June 14, 1951

The sample for
Calbar Orange Label Brilliant White Caulk-O-Seal
2517-20 S. Berline Street
Philadelphia 26, Pa.

Method used One quart sample of Caulking Compound, Calbar, Limestone, White-O-Seal, Sun Grease, Orange Label.

METHOD OF TEST
As described in Federal Specification TT-C-598, April 25, 1951. The compound was tested for shrinkage, bond, tenacity, rate of hardening, oil retention, area of stain on limestone, slump, and cracking.

As Specified	Found	Required
Shrinkage, percent by volume	4.06	20 maximum
Bond, area of separation, pct.	5.0	10 maximum
Tenacity	Satisfactory	No breaks or cracks after folding 6 times
Rate of Hardening, pct.	23.5	40 maximum
Oil Retention, Area of Stain on Limestone, inches	1/32	1/16 maximum
Slump: 24 hrs. at 70°F	None	
24 hrs. at 120°F, ins.	1/32	3/16 maximum
Cracking	None	None

REMARKS: Meets specification requirements.



*** Caulk-O-Seal elasticized caulking compound not only meets the requirements of Federal Specification TT-C-598, and Asbestos-Cement Products Assn. but is far superior.**

FOR ROOFING AND SIDING

To protect functional and decorative roofing and siding from moisture, wind and dirt, Caulk-O-Seal should be applied to all termination points. For instance, when panels have been fitted snugly around a window frame, a bead of Caulk-O-Seal will seal the small crack between the siding and the frame. Particular care should be taken under windows, as moisture penetrating this spot will destroy both the sill and all construction beneath the frame. The same care should be taken at door openings, on inside corners, on gable ends, wherever roofing or siding butts parts of the original structure, and where

two panels meet without the protection of regular ship-lap joints.

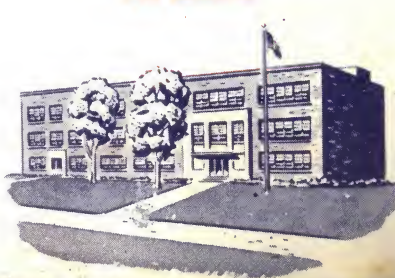
At outside corners where corner trim is used, a bead of Caulk-O-Seal is run down each side of the trim, the trim pressed firmly in place and nailed. When applying butt shingles requiring a corner trim, the broken ends of the panels are carefully buttered with Caulk-O-Seal before the trim is set in place.

Shiplap joints between courses and panels are not to be caulked. It has been found better to permit a dry joint so the wall can breathe slightly.

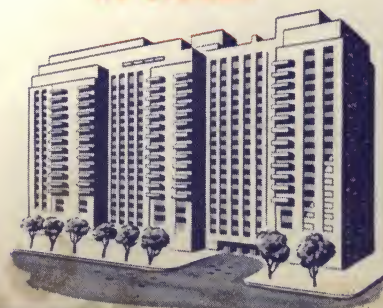
FOR OFFICE BUILDINGS



FOR SCHOOLS



FOR APARTMENTS





CAULK-O-SEAL®

ELASTICIZED CAULKING COMPOUND

CAULKING TIPS

As is true in the application of roofing and siding, preparation of the surface is a key to good caulking procedure. The surfaces must be clean and dry—free of dust, grease, loose mortar or paint scales.

Though not necessary, it is good practice to prime all porous surfaces such as wood, brick, stone, stucco or concrete with Calbar Caulk-Prime. Priming will fill the pores of the surface, prevent moisture from seeping in behind the caulking, and act as a binder between the compound and the surface. If the surfaces are not primed, the oil may be sucked out of the compound into the pores of the material it is pressed against.

If the crack is deeper than $\frac{3}{4}$ inch, it should be first filled with oakum tamped in firmly to within $\frac{1}{2}$ inch of

the surface. On porous stones, some companies prefer caulking cotton to oakum; they feel oils in the oakum stain the stone. One pound of caulking cotton will cover 10 feet in a $\frac{1}{2}$ inch rabbet.

If the gun grade is being used, select the proper tip. Put the nozzle in the opening, hold the gun at an angle, and force the caulking deeply into the crevice. Let the material come out smoothly, slowly and in sufficient quantity to fill the crack and leave a heavy fillet of not less than $\frac{3}{8}$ inch face as a maximum protection against breaking and pulling away. When desired, the surface can be smoothed flush with a caulking tool or molders stick. Follow the same procedure outlined, when using the knife grade.

RETARDS HEAT LOSS

On the windy side of a house, as much cold air blows through cracks around door and window frames as through a broken window. And just as much pre-heated air pours out on the leeward side. Leaving these cracks open, uncaulked, is just wasteful.

CONTROLS DRAFTS AND VENTILATION

Whether you're trying to seal off drafts for comfort or to assure adequate control of ventilation (air replacement or odor or gas removal), you cannot approach ideal air control or exchange conditions until all cracks are sealed. Without caulking You're wasting comfort, fuel or ventilator power . . . or all three.

INCREASES BUILDING LIFE

Beams, braces, fittings and fastenings . . . wood or metal . . . are easy prey to moisture, insects and fumes. Most evident example is a wooden porch sagging from damp, dry rot and termite damage to supporting timbers. Caulking porch walls, floor and at the foundation line would prevent this . . . inexpensively.

WHERE TO BUY CALBAR PRODUCTS

Calbar Caulk-O-Seal, Guns, Nozzles and other products are sold through the regular Building Supply distribution channels: Building Supply Houses, Lumber

Yards, Hardware Store, Hardware and Paint Stores, and Trade Distributors. Sold in every state.

OTHER CALBAR PRODUCTS

CALCODA COLORLESS MASONRY COATING • HOUSE AND BUILDING PAINTS • PLASTER BOND • SHINGLE STAIN • CONCRETE AND STUCCO PRESERVATIVE • INDUSTRIAL AND PRODUCTION COATINGS • VARNISHES • ENAMELS • MASON-SEAL HEAVY COAT MASONRY COATING • ALUMINUM PAINTS • FLOOR ENAMELS • ROOF PAINTS • FLATS.

CALBAR PAINT and VARNISH CO.

2612-26 N. MARTHA STREET



PHILADELPHIA 25, PA., U.S.A.